

**REMARKS**

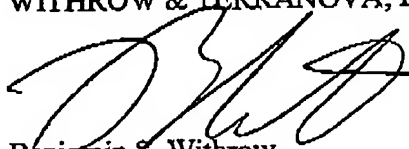
Applicant has cancelled claims 1-23, without prejudice, and added new claims 24-49. Reconsideration is respectfully requested.

None of the references cited by the Patent Office disclose a voltage controlled oscillator including first and second variable capacitors, which are controlled by first and second control signals. Thus, new claims 24-49 are allowable. Reconsideration is respectfully requested.

Respectfully submitted,

WITHROW & TERRANOVA, P.L.L.C.

By:

  
Benjamin S. Withrow  
Registration No. 40,876  
P.O. Box 1287  
Cary, NC 27512  
Telephone: (919) 654-4520

Date: October 30, 2003  
Attorney Docket: 2867-239

<p><b>CERTIFICATE OF TRANSMISSION</b> I HEREBY CERTIFY THAT THIS DOCUMENT IS BEING TRANSMITTED VIA FACSIMILE ON THE DATE INDICATED BELOW, AND IS ADDRESSED TO:</p> <p>Examiner: <u>Michael B. Shingleton</u> Art Unit: 2817 Fax: <u>703-872-9318</u></p> <p><u>Kelly Farrow</u> Name of Sender</p> <p><u>Kelly</u> Signature</p> <p><u>10/30/03</u> Date of Transmission</p>
--